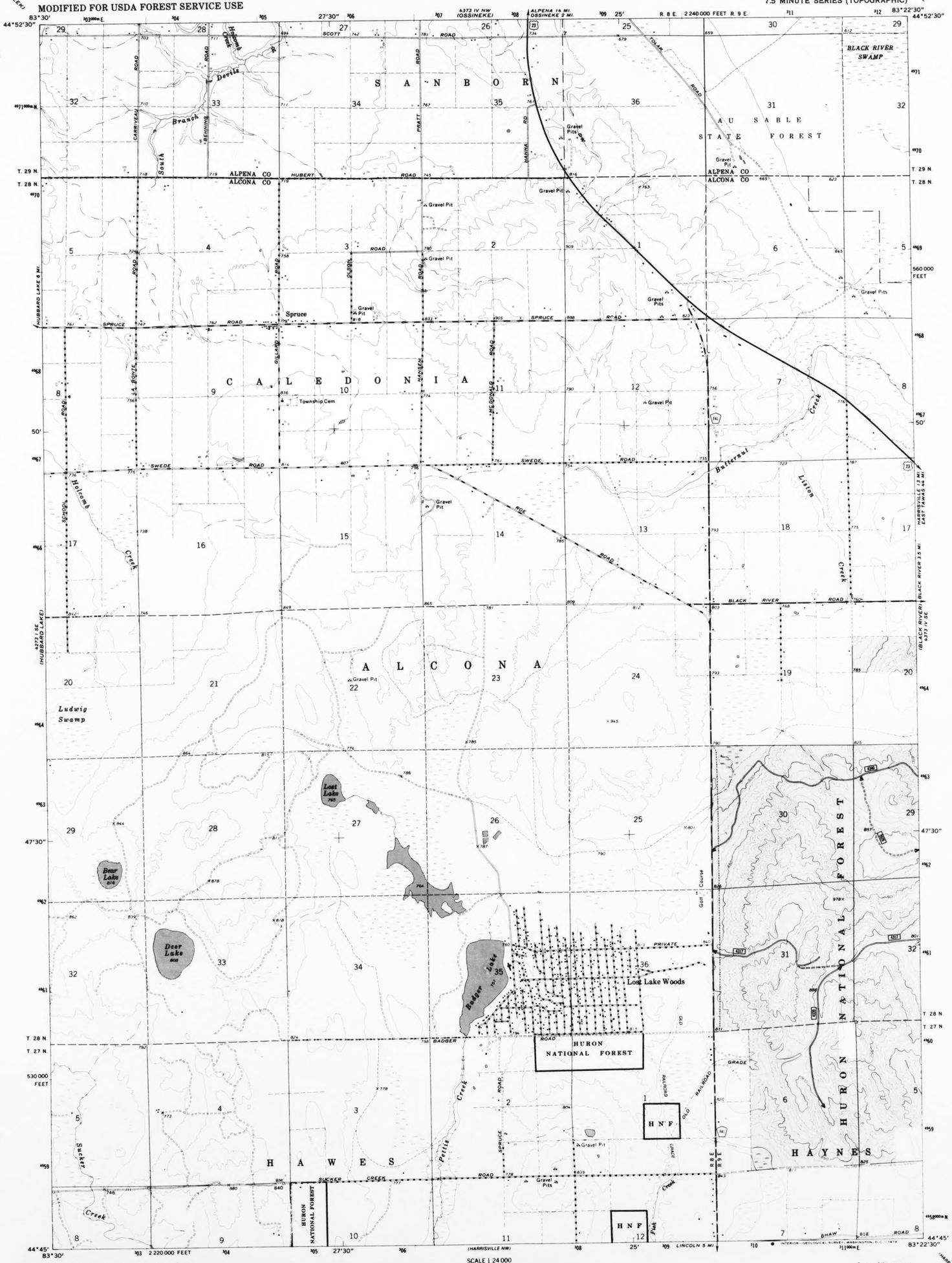
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE

SPRUCE QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5 FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

Base map prepared by the U.S. Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1971. Field checked 1971

Projection and 10,000-foot grid ticks: Michigan coordinate system, central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Modification to the USGS base map by the Geometronics Service Center from 1984 aerial photography and 1988 correction guides furnished by the Eastern Region

UTM GRID AND 1988 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

- National Forest Boundary
- National Forest Lands as of 1988

TOWNSHIP AND SECTION LINE CLASSIFICATION
- Surveyed, Location Reliable
- Surveyed, Location Approximate
- Unsurveyed, Protraction

- Primary Highway
- Secondary Highway
- Improved Road, Paved
- Improved Road, Gravel
- Improved Road, Dirt
- Unimproved Road, Dirt
- Trail
- Road, Location Approximate
- Trail, Location Approximate

- 75 Interstate Highway
- 23 U.S. Highway
- 65 State Highway
- 97 County Road
- 109 Primary Forest Route
- 4043 Forest Road
- 1383 Forest Trail

HURON NATIONAL FOREST
QUADRANGLE LOCATION DIAGRAM

Copies of this map are available for purchase at
Forest Service
Supervisor's Headquarters
Huron National Forest
421 South Mitchell Street
Cadillac, Michigan 49601

SPRUCE, MICH.
N4445—W8322.5/7.5

1971

DMA 4373 IV SW—SERIES V882

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